

**Table B8. World Consumption of Hydroelectricity and Other Renewable Energy by Region,  
High Economic Growth Case, 1990-2030**  
(Quadrillion Btu)

Region/Country	History			Projections					Average Annual Percent Change, 2003-2030
	1990	2002	2003	2010	2015	2020	2025	2030	
<b>OECD</b>									
<b>OECD North America . . . . .</b>	<b>9.5</b>	<b>9.8</b>	<b>9.5</b>	<b>11.6</b>	<b>12.3</b>	<b>13.6</b>	<b>15.0</b>	<b>16.1</b>	<b>2.0</b>
United States <sup>a</sup> . . . . .	6.1	5.9	5.7	7.2	7.7	8.5	9.3	9.9	2.0
Canada . . . . .	3.1	3.6	3.5	3.8	3.8	4.3	4.7	5.1	1.4
Mexico . . . . .	0.3	0.4	0.3	0.6	0.7	0.9	1.0	1.1	4.7
<b>OECD Europe . . . . .</b>	<b>4.8</b>	<b>6.1</b>	<b>6.0</b>	<b>7.9</b>	<b>8.0</b>	<b>8.3</b>	<b>8.5</b>	<b>9.4</b>	<b>1.7</b>
<b>OECD Asia . . . . .</b>	<b>1.6</b>	<b>1.7</b>	<b>1.9</b>	<b>2.2</b>	<b>2.4</b>	<b>2.5</b>	<b>2.6</b>	<b>2.7</b>	<b>1.3</b>
Japan . . . . .	1.1	1.1	1.4	1.4	1.6	1.6	1.7	1.8	0.9
South Korea . . . . .	0.0	0.0	0.1	0.2	0.3	0.3	0.3	0.3	6.8
Australia/New Zealand . . . . .	0.4	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.8
<b>Total OECD . . . . .</b>	<b>15.9</b>	<b>17.6</b>	<b>17.4</b>	<b>21.8</b>	<b>22.7</b>	<b>24.4</b>	<b>26.0</b>	<b>28.2</b>	<b>1.8</b>
<b>Non-OECD</b>									
<b>Non-OECD Europe and Eurasia . . . . .</b>	<b>2.8</b>	<b>3.0</b>	<b>3.0</b>	<b>4.2</b>	<b>5.1</b>	<b>5.6</b>	<b>6.2</b>	<b>6.8</b>	<b>3.1</b>
Russia . . . . .	1.8	1.9	1.8	2.7	3.2	3.6	4.1	4.5	3.5
Other . . . . .	1.0	1.1	1.2	1.6	1.9	2.0	2.0	2.3	2.4
<b>Non-OECD Asia . . . . .</b>	<b>3.0</b>	<b>4.9</b>	<b>5.1</b>	<b>9.6</b>	<b>11.0</b>	<b>12.6</b>	<b>15.5</b>	<b>19.4</b>	<b>5.1</b>
China . . . . .	1.3	2.8	2.9	6.1	6.8	7.1	7.3	7.9	3.8
India . . . . .	0.7	0.7	0.7	1.3	1.4	1.7	2.2	3.0	5.3
Other Non-OECD Asia . . . . .	0.9	1.4	1.5	2.2	2.8	3.8	5.9	8.5	6.7
<b>Middle East . . . . .</b>	<b>0.1</b>	<b>0.2</b>	<b>0.2</b>	<b>0.6</b>	<b>0.7</b>	<b>0.8</b>	<b>1.0</b>	<b>1.2</b>	<b>6.1</b>
<b>Africa . . . . .</b>	<b>0.6</b>	<b>0.9</b>	<b>0.9</b>	<b>1.2</b>	<b>1.3</b>	<b>1.4</b>	<b>1.7</b>	<b>2.0</b>	<b>3.1</b>
<b>Central and South America . . . . .</b>	<b>3.9</b>	<b>5.7</b>	<b>6.0</b>	<b>8.1</b>	<b>10.0</b>	<b>11.8</b>	<b>13.7</b>	<b>15.7</b>	<b>3.6</b>
Brazil . . . . .	2.2	3.0	3.3	4.2	5.1	5.9	6.8	7.8	3.3
Other Central and South America . . . . .	1.7	2.7	2.8	3.9	4.9	5.8	6.9	7.9	3.9
<b>Total Non-OECD . . . . .</b>	<b>10.3</b>	<b>14.6</b>	<b>15.2</b>	<b>23.8</b>	<b>28.0</b>	<b>32.2</b>	<b>38.0</b>	<b>45.0</b>	<b>4.1</b>
<b>Total World . . . . .</b>	<b>26.3</b>	<b>32.2</b>	<b>32.7</b>	<b>45.6</b>	<b>50.6</b>	<b>56.6</b>	<b>64.1</b>	<b>73.2</b>	<b>3.0</b>

<sup>a</sup>Includes the 50 States and the District of Columbia.

Notes: Totals may not equal sum of components due to independent rounding. U.S. totals include net electricity imports, methanol, and liquid hydrogen.

Sources: **History:** Energy Information Administration (EIA), *International Energy Annual 2003* (May-July 2005), web site [www.eia.doe.gov/iea/](http://www.eia.doe.gov/iea/). **Projections:** EIA, *Annual Energy Outlook 2006*, DOE/EIA-0383(2006) (Washington, DC, February 2006), AEO2006 National Energy Modeling System, run HM2006.D112505B, web site [www.eia.doe.gov/oiaf/aoe/](http://www.eia.doe.gov/oiaf/aoe/); and System for the Analysis of Global Energy Markets (2006).